



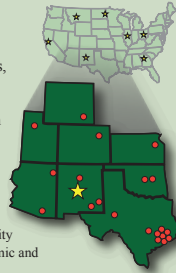
Southwest Regional Partnership – Phase III @ Price, Utah

Regional Carbon Sequestration Partnerships Annual Project Review Meeting • Dec 12 - 13, 2007 • Pittsburgh, Pennsylvania



Background

- The Southwest Partnership is composed of 8 partner states, each contributing expertise from state agencies, universities, private companies, national laboratories, and non-profit organizations. The SWP is committed to finding the best approach for capturing and permanently storing CO₂.

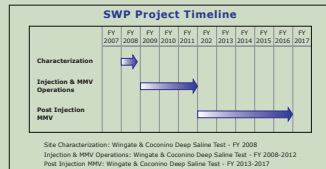


- Three phases of progress...

PHASE I (2003) - Characterize or assess sources of CO₂, the capacity/viability proximity of CO₂ sinks, as well as economic and regulatory factors.

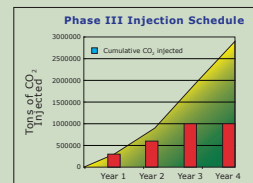
PHASE II (2005) - Validation of small-scale, field-based injections and accompanying monitoring at pilot sites in New Mexico, Utah and Texas.

PHASE III (2008) -



Goals

- Larger-scale demonstration of CO₂ capture, transport and injection with long-term safety, storage and economics a primary objective.
 - initial (year 1) injection of approximately 300,000 U.S. tons of CO₂.
 - ultimate (years 3 & 4) injection of approximately 1,000,000 tons of CO₂.



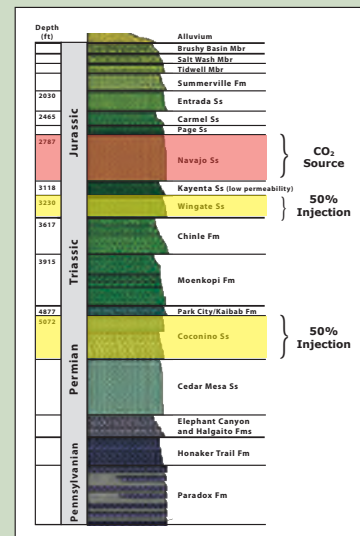
Goals

...cont

- Evaluate ...
 - technical viability and practicality for future commercialization.
 - engineering (transportation, injectivity, etc.).
 - risks (health, environmental, financial).
 - monitoring efficacy.
- Primary goal will be to provide a framework for eventual commercial ventures in CO₂ sequestration in the southwest.

Deployment

- Geological target
 - Deep saline formation within sedimentary basin common throughout the Southwest Partnership.
 - Ideal is formation composed of interlayered seals (mudstones, claystones and siltstones) and high-permeability, high-porosity sandstones.
 - The Farnham Dome CO₂ field near Price, Utah provides all of the requisite geological requirements.



Location

- Farnham Dome CO₂ Field at Price, Utah

